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APR 27 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Alan Gatherer
Serial No: 09/919,191
Filed: 07/31/2001
Art Unit: TBD
Examiner: TBD
Docket No.: TI-31513
Customer No.: 23494

CERTIFICATION OF FACSIMILE TRANSMISSION

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FACSIMILE COVER SHEET

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<input type="checkbox"/> CONTINUATION APP'N		<input checked="" type="checkbox"/> SB96 and SB80 forms	
<input type="checkbox"/> DIVISIONAL APP'N			
NAME OF INVENTOR(S): Alan Gatherer		RECEIPT DATE & SERIAL NO.: Serial No.: 09/919,191	
TITLE OF INVENTION: Parallel Concatenated Trellis-Coded Modulation with Asymmetric Signal Mapping		Filing Date: 07/31/2001	
TI FILE NO.: TI-31513	DEPOSIT ACCT. NO.: 20-0688		
FAXED: 04/27/2005			
DUE: —			
ATTY/SECY: lgs			

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Texas Instruments Incorporated
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Dallas, TX 75265

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I hereby appoint:

☒ Practitioners associated with the Customer Number:

23494

OR

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APR 27 2005as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 3.73(b).

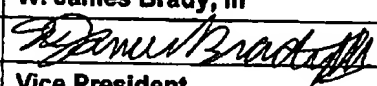
Assignee Name and Address:

Texas Instruments Incorporated
PO Box 655474, M/S 3999
Dallas, TX 75265

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Name	W. James Brady, III	Date	4/26/05
Signature		Telephone	(972) 917-4371
Title	Vice President		

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FEES TO THIS ADDRESS. Send to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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TI-31513

STATEMENT UNDER 37 CFR 3.73(b)

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Applicant/Patent Owner: Texas Instruments Incorporated

Application No./Patent No.: 09/919,191

Filed/Issue Date: 07/31/2001

APR 27 2005

Entitled: Parallel Concatenated Trellis-Coded Modulation with Asymmetric Signal Mapping

Texas Instruments Incorporated, a
(Name of Assignee)

Corporation
(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is ___ %
In the patent application/patent identified above by virtue of either.

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 12051, Frame 426-427, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Texas Instruments Incorporated

W. James Brady, III
Signature

4/24/05
Date

W. James Brady, III
Printed or Typed Name

(972) 917-4371
Telephone Number

Vice President
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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